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REPORT

CD NO.

USSR

DATE OF INFORMATION 1949

DATE DIST. 18 Apr 1950

NO. OF PAGES 2

SUPPLEMENT TO
REPORT NO.

THIS IS UNEVALUATED INFORMATION

Newspapers as indicated.

PRODUCTION OF MACHINERY FOR
PETROLEUM INDUSTRY RISES STEADILY

NEW EQUIPMENT, REORGANIZATION BOOST OUTPUT -- Bakinskiy Rabochiy, No 4,
6 Jan 50

Enterprises of the "Azneft'mash" Trust reached the 1950 gross-production level as early as December 1948. During 1949, commodity production rose 31.8 percent over the 1948 figure, and the year plan was fulfilled ahead of schedule.

The achievements of the trust are mainly attributable to extensive acquisitions of new equipment, chiefly in the hoist and transport field, and to reorganization of working area and fuller utilization of existing equipment. High-speed machining methods and lengthening the period of machine operation between repairs also played an important role.

The trust cleared a total area of 1,200 square meters during 1949, with the Plant imeni Kirov contributing 170 square meters and setting up additional thread-milling machines and high-frequency compartment kilns in the space. The Plant imeni Budennyi freed sufficient area to set up 20 machine tools. The Plant imeni Volodarsk found new space by placing machine tools in the area formerly occupied by the tool-distribution center.

Rearrangement of machine tools in the No 1 Machine Shop of the Plant imeni Dzerzhinskiy raised productivity 13 percent.

MAINTAINS HIGH PRODUCTION RECORD -- Bakinskiy Rabochiy, No 240, 9 Dec 49

The Machine-Building Plant imeni Stalin is one of the leading enterprises of the "Azneft'mash" Trust. The plant, which produces oil-drilling equipment, met the Five-Year Plan in October 1948.

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The commodity output is now almost twice the figure set for 1950, while gross output is 544 percent of the 1946 amount, and $3\frac{1}{2}$ times the 1939 amount. Output per machine exceeds the 1946 record 934 percent, and labor productivity is 255 percent the figure for that year.

Bakinskiy Rabochiy, No 4, 6 Jan 50

The Plant imeni Stalin has increased its output of forgings and improved their quality by increasing air-pressure from 3-4 to 6-7 atmospheres.

MAINTAIN ABOVE-PLAN OUTPUT -- Bakinskiy Rabochiy, No 240, 9 Dec 49

The Plant imeni Lieutenant Schmidt reached the Five-Year-Plan terminal level of production in 3 years, while in 11 months of 1949 it met the year plan for commodity production 107.5 percent, for gross production 107.7 percent, and made a profit of 10 million rubles -- 4,750 rubles above plan. Imperfections in production were reduced 30 percent below the 1948 figure.

Current production includes Sh-8 rotors, ShV-14 swivels, winches, "Bakinets" units, and hydroautomatic units, all used in hydraulic-extraction drilling methods; also a six-speed winch, a KOFB gear box, and a revolving preventer. Series production of flanged gusher armatures has been started. The plant has even built a portable electric power station and set it up on a kolkhoz of the Karyaginskiy Rayon.

POWERFUL NEW PUMPS IN SERIES PRODUCTION -- Moskovskiy Bol'shevik, No 1, 1 Jan 50

The Moscow Borets Plant has begun series production of the powerful new MT-45 oil-transfer pump. This pump can transfer 45 cubic meters per second, working under 60 atmospheres' pressure. The plant has also put into series production small turbines for turbodrills, using in their manufacture malleable iron, the hardness of which stands as a tribute to the work of the foundry.

MEETS PLAN EARLY -- Komsomolskaya Pravda, No 307, 29 Dec 49

The Aktyubinsk Machinery Plant of the "Aktyubinskneft'" Trust has fulfilled its Five-Year Plan for production, and has raised labor productivity 28 percent during 1949.

HIGH-SPEED CUTTING ADVANCES SLOWLY -- Bakinskiy Rabochiy, No 8, 11 Jan 50

Speaking before a recent meeting of the Azerbaydzhan Scientific Technical Society of Petroleum Workers, Kaziyeu, chief engineer of the Azneft'mash Trust, urged that high-speed metal cutting methods be pushed in Baku machine-building enterprises, where it has so far made only a small beginning.

He cited successes of three Baku plants where high-speed methods had been introduced. In the Plant imeni Dzerzhinskiy output of individual parts was doubled; in the Plant imeni Volodarsk it rose three times. Labor productivity in the Plant imeni Budenny rose 40-60 percent.

Another speaker cited the step forward in the Plant imeni Kirov, where an anode-mechanical cutter-sharpening unit has been built and set up. He added, however, that the Baku Plants are backward in acquiring the accessories needed for high-speed methods: revolving attachments for milling lugs, copying rulers, pneumatic draw-in attachments for turret lathes, and others.

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